

District of Columbia

Fire and Emergency Medical Services Department



FY 2017 EMS CQI Patient Case Review Measures

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Produced On:

10/20/2017

District of Columbia Fire and EMS Department
FY 2017 EMS CQI Case Review (STEMI Patients)

| STEMI (FY 2017) Measure | OCT 2016 | NOV 2016 | DEC 2016 | JAN 2017 | FEB 2017 | MAR 2017 | APR 2017 | MAY 2017 | JUN 2017 | JUL 2017 | AUG 2017 | SEP 2017 | FYE 2017 |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Number of Identified STEMI Cases Reviewed | 5 | 6 | 6 | 4 | 5 | 7 | 7 | 14 | 16 | 10 | 15 | 19 | 114 |
| Aspirin Appropriately Administered | 5 | 6 | 6 | 4 | 5 | 6 | 7 | 14 | 16 | 10 | 15 | 19 | 113 |
| 12 Lead EKG Completed | 5 | 6 | 6 | 4 | 5 | 7 | 7 | 14 | 16 | 10 | 15 | 19 | 114 |
| Patient Transport to STEMI Center | 5 | 6 | 6 | 4 | 5 | 7 | 7 | 14 | 16 | 10 | 15 | 19 | 114 |
| % Aspirin Appropriately Administered | 100% | 100% | 100% | 100% | 100% | 86% | 100% | 100% | 100% | 100% | 100% | 100% | 99% |
| % 12 Lead EKG Completed | 100% |
| % Patient Transport to STEMI Center | 100% |
| Number of Required Elements | 15 | 18 | 18 | 12 | 15 | 21 | 21 | 42 | 48 | 30 | 45 | 57 | 342 |
| Number of Completed Required Elements | 15 | 18 | 18 | 12 | 15 | 20 | 21 | 42 | 48 | 30 | 45 | 57 | 341 |
| % Completed Required Elements | 100% | 100% | 100% | 100% | 100% | 95% | 100% |

| STEMI (FY 2017) Measure | Q1 FY 2017 | Q2 FY 2017 | Q3 FY 2017 | Q4 FY 2017 | FYE 2017 |
|--|---------------|---------------|---------------|---------------|-------------|
| Number of Identified STEMI Cases Reviewed | 17 | 16 | 37 | 44 | 114 |
| Aspirin Appropriately Administered | 17 | 15 | 37 | 44 | 113 |
| 12 Lead EKG Completed | 17 | 16 | 37 | 44 | 114 |
| Patient Transport to STEMI Center | 17 | 16 | 37 | 44 | 114 |
| % Aspirin Appropriately Administered | 100% | 94% | 100% | 100% | 99% |
| % 12 Lead EKG Completed | 100% | 100% | 100% | 100% | 100% |
| % Patient Transport to STEMI Center | 100% | 100% | 100% | 100% | 100% |
| Number of Required Elements | 51 | 48 | 111 | 132 | 342 |
| Number of Completed Required Elements | 51 | 47 | 111 | 132 | 341 |
| % Completed Required Elements | 100% | 98% | 100% | 100% | 100% |

District of Columbia Fire and EMS Department
FY 2017 EMS CQI Case Review (Stroke Patients)

| Stroke (FY 2017) Measure | OCT 2016 | NOV 2016 | DEC 2016 | JAN 2017 | FEB 2017 | MAR 2017 | APR 2017 | MAY 2017 | JUN 2017 | JUL 2017 | AUG 2017 | SEP 2017 | FYE 2017 |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Number of Identified Stroke Cases Reviewed | 68 | 44 | 63 | 70 | 67 | 49 | 45 | 48 | 37 | 29 | 64 | 74 | 658 |
| Stroke Screening Exam Completed | 68 | 44 | 62 | 69 | 67 | 49 | 45 | 39 | 31 | 29 | 64 | 74 | 641 |
| BGL Obtained and Recorded | 66 | 44 | 62 | 69 | 67 | 46 | 43 | 47 | 36 | 29 | 64 | 74 | 647 |
| Patient Transport to Stroke Center | 59 | 38 | 55 | 67 | 65 | 46 | 44 | 45 | 34 | 29 | 64 | 74 | 620 |
| % Stroke Screening Completed | 100% | 100% | 98% | 99% | 100% | 100% | 100% | 81% | 84% | 100% | 100% | 100% | 97% |
| % BGL Obtained and Recorded | 97% | 100% | 98% | 99% | 100% | 94% | 96% | 98% | 97% | 100% | 100% | 100% | 98% |
| % Patient Transport to Stroke Center | 87% | 86% | 87% | 96% | 97% | 94% | 98% | 94% | 92% | 100% | 100% | 100% | 94% |
| Number of Required Elements | 204 | 132 | 189 | 210 | 201 | 147 | 135 | 144 | 111 | 87 | 192 | 222 | 1,974 |
| Number of Completed Required Elements | 193 | 126 | 179 | 205 | 199 | 141 | 132 | 131 | 101 | 87 | 192 | 222 | 1,908 |
| % Completed Required Elements | 95% | 95% | 95% | 98% | 99% | 96% | 98% | 91% | 91% | 100% | 100% | 100% | 97% |

| Stroke (FY 2017) Measure | Q1 FY 2017 | Q2 FY 2017 | Q3 FY 2017 | Q4 FY 2017 | FYE 2017 |
|---|---------------|---------------|---------------|---------------|-------------|
| Number of Identified Stroke Cases Reviewed | 175 | 186 | 130 | 167 | 658 |
| Stroke Screening Exam Completed | 174 | 185 | 115 | 167 | 641 |
| BGL Obtained and Recorded | 172 | 182 | 126 | 167 | 647 |
| Patient Transport to Stroke Center | 152 | 178 | 123 | 167 | 620 |
| % Stroke Screening Completed | 99% | 99% | 88% | 100% | 97% |
| % BGL Obtained and Recorded | 98% | 98% | 97% | 100% | 98% |
| % Patient Transport to Stroke Center | 87% | 96% | 95% | 100% | 94% |
| Number of Required Elements | 525 | 558 | 390 | 501 | 1,974 |
| Number of Completed Required Elements | 498 | 545 | 364 | 501 | 1,908 |
| % Completed Required Elements | 95% | 98% | 93% | 100% | 97% |

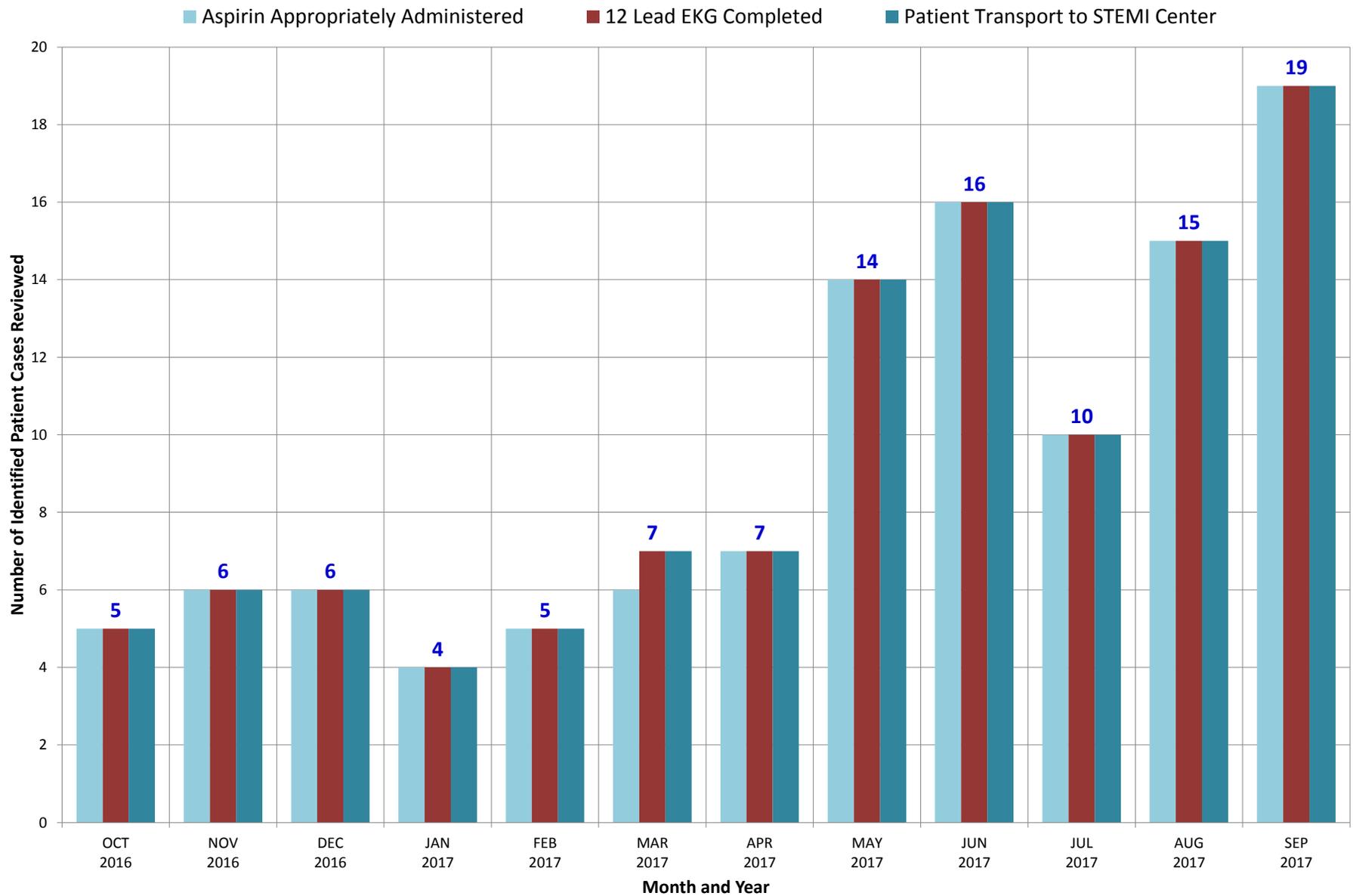
District of Columbia Fire and EMS Department
 FY 2017 EMS CQI Case Review (Trauma Patients)

| Trauma (FY 2017) Measure | OCT 2016 | NOV 2016 | DEC 2016 | JAN 2017 | FEB 2017 | MAR 2017 | APR 2017 | MAY 2017 | JUN 2017 | JUL 2017 | AUG 2017 | SEP 2017 | FYE 2017 |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Number of Identified Trauma Cases Reviewed | 36 | 37 | 15 | 35 | 35 | 29 | 18 | 34 | 47 | 28 | 38 | 38 | 390 |
| Trauma Assessment Exam Completed | 36 | 37 | 14 | 35 | 29 | 29 | 17 | 34 | 47 | 28 | 38 | 38 | 382 |
| Appropriate Incident Scene Time for Case | 24 | 22 | 8 | 10 | 16 | 9 | 10 | 14 | 24 | 13 | 23 | 24 | 197 |
| Patient Transport to Trauma Center | 36 | 37 | 15 | 35 | 29 | 29 | 18 | 34 | 47 | 28 | 38 | 38 | 384 |
| % Trauma Assessment Completed | 100% | 100% | 93% | 100% | 83% | 100% | 94% | 100% | 100% | 100% | 100% | 100% | 98% |
| % Appropriate Incident Scene Time | 67% | 59% | 53% | 29% | 46% | 31% | 56% | 41% | 51% | 46% | 61% | 63% | 51% |
| % Patient Transport to Trauma Center | 100% | 100% | 100% | 100% | 83% | 100% | 98% |
| Number of Required Elements | 108 | 111 | 45 | 105 | 105 | 87 | 54 | 102 | 141 | 84 | 114 | 114 | 1,170 |
| Number of Completed Required Elements | 96 | 96 | 37 | 80 | 74 | 67 | 45 | 82 | 118 | 69 | 99 | 100 | 963 |
| % Completed Required Elements | 89% | 86% | 82% | 76% | 70% | 77% | 83% | 80% | 84% | 82% | 87% | 88% | 82% |

| Trauma (FY 2017) Measure | Q1 FY 2017 | Q2 FY 2017 | Q3 FY 2017 | Q4 FY 2017 | FYE 2017 |
|---|---------------|---------------|---------------|---------------|-------------|
| Number of Identified Trauma Cases Reviewed | 88 | 99 | 99 | 104 | 390 |
| Trauma Assessment Exam Completed | 87 | 93 | 98 | 104 | 382 |
| Appropriate Incident Scene Time for Case | 54 | 35 | 48 | 60 | 197 |
| Patient Transport to Trauma Center | 88 | 93 | 99 | 104 | 384 |
| % Trauma Assessment Completed | 99% | 94% | 99% | 100% | 98% |
| % Appropriate Incident Scene Time | 61% | 35% | 48% | 58% | 51% |
| % Patient Transport to Trauma Center | 100% | 94% | 100% | 100% | 98% |
| Number of Required Elements | 264 | 297 | 297 | 312 | 1,170 |
| Number of Completed Required Elements | 229 | 221 | 245 | 268 | 963 |
| % Completed Required Elements | 87% | 74% | 82% | 86% | 82% |

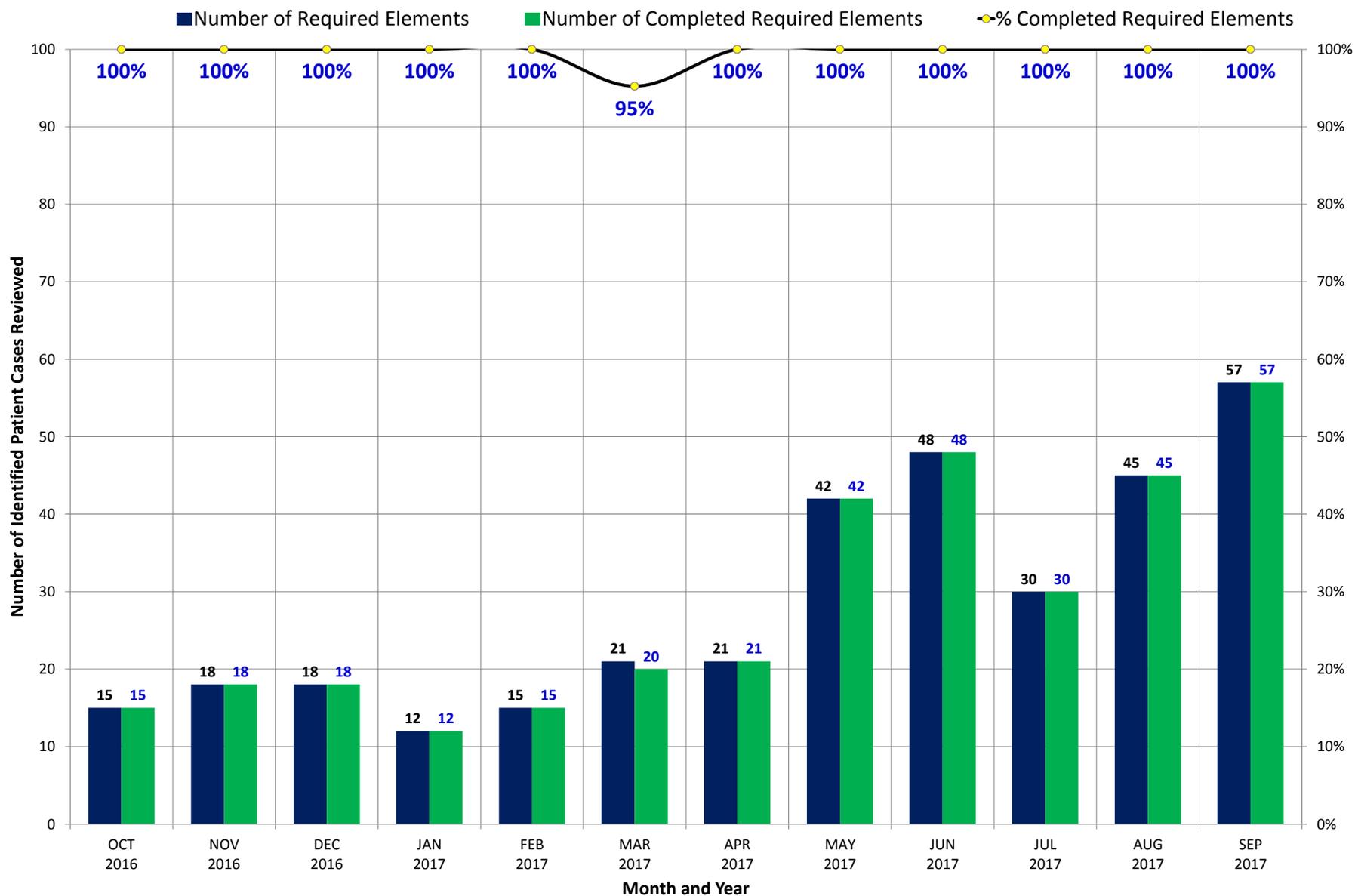
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EMS CQI Case Review: **STEMI** Patients (FY 2017)



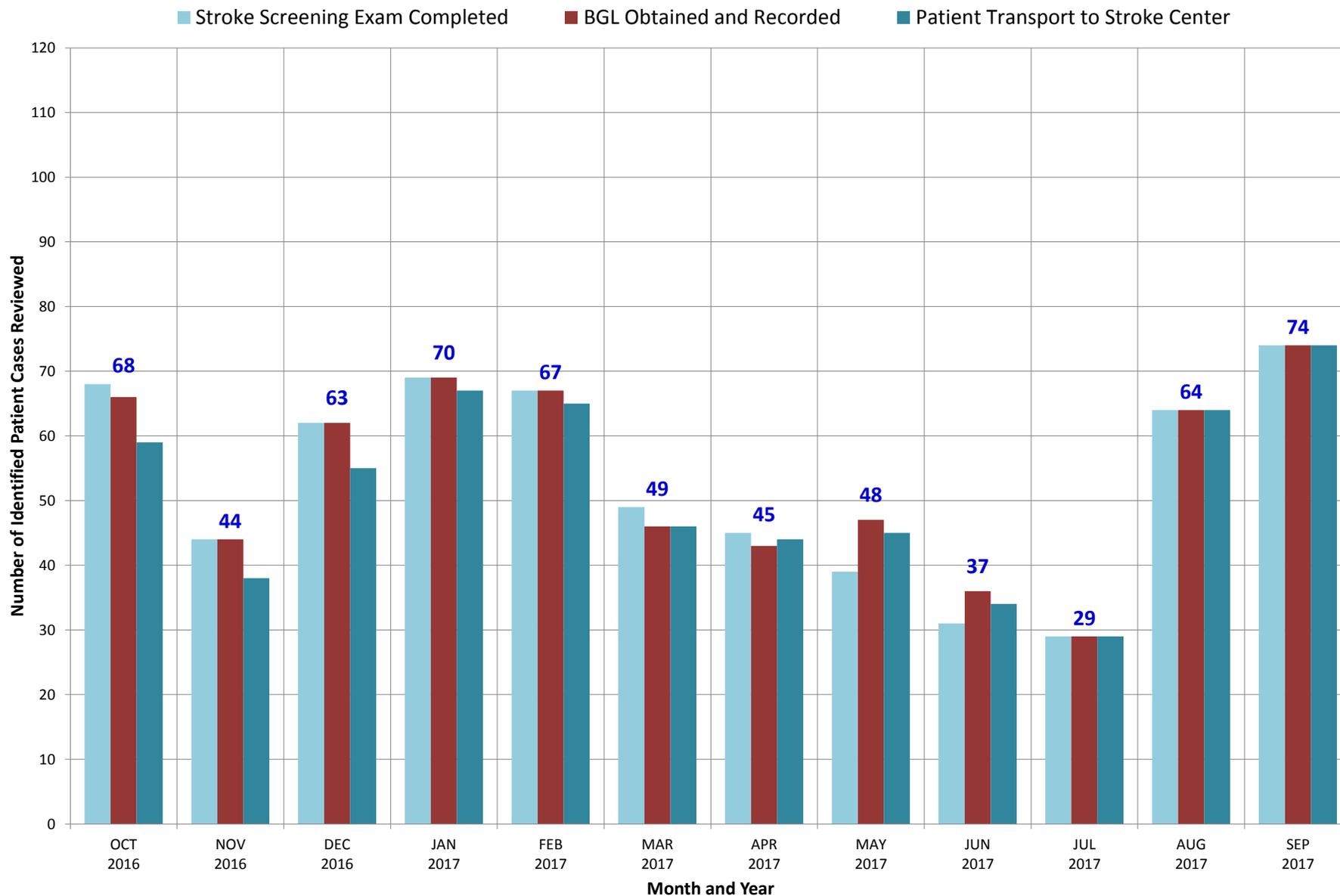
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EMS CQI Case Review: **STEMI** Patients (FY 2017)



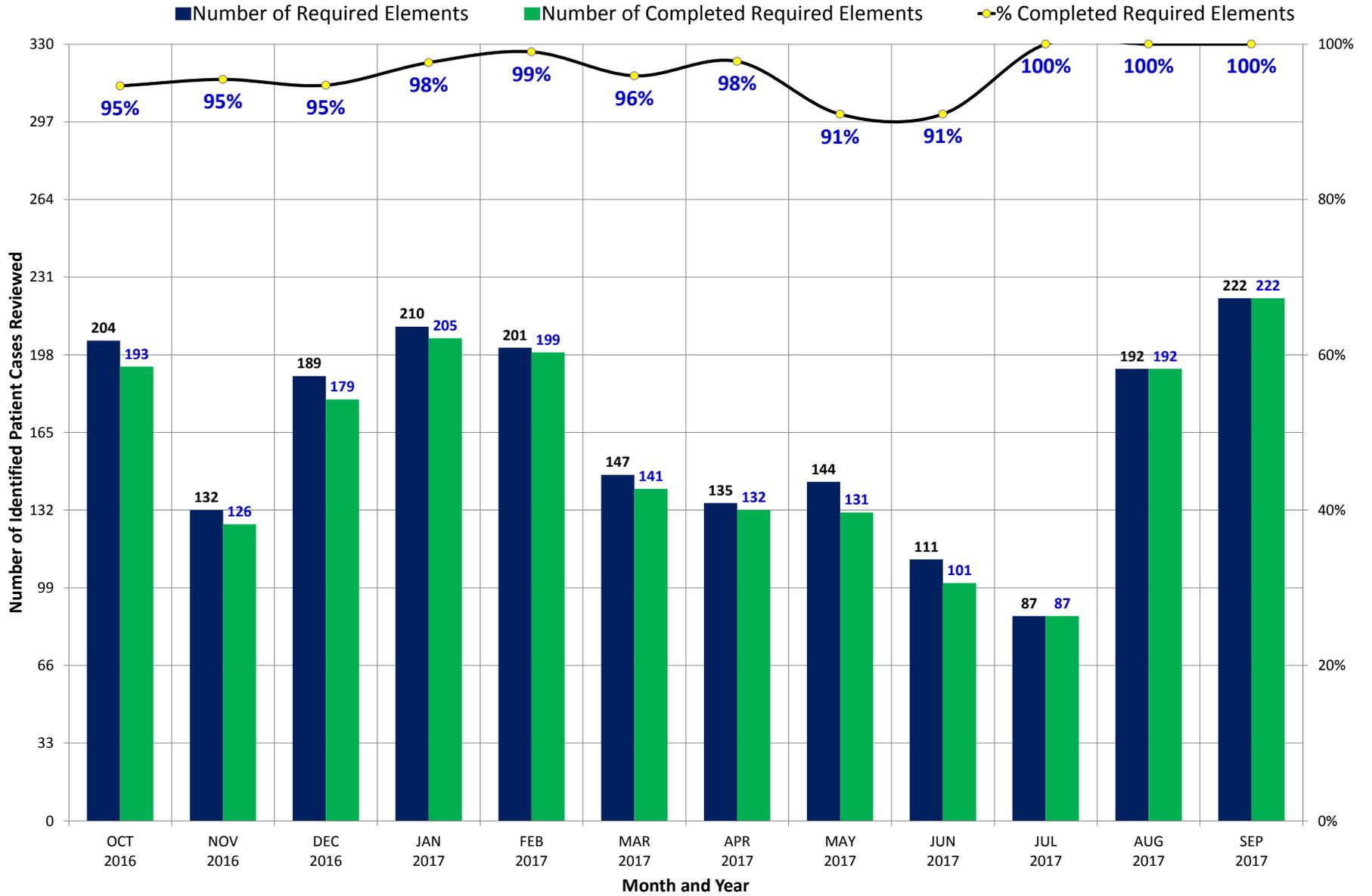
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EMS CQI Case Review: **Stroke** Patients (FY 2017)



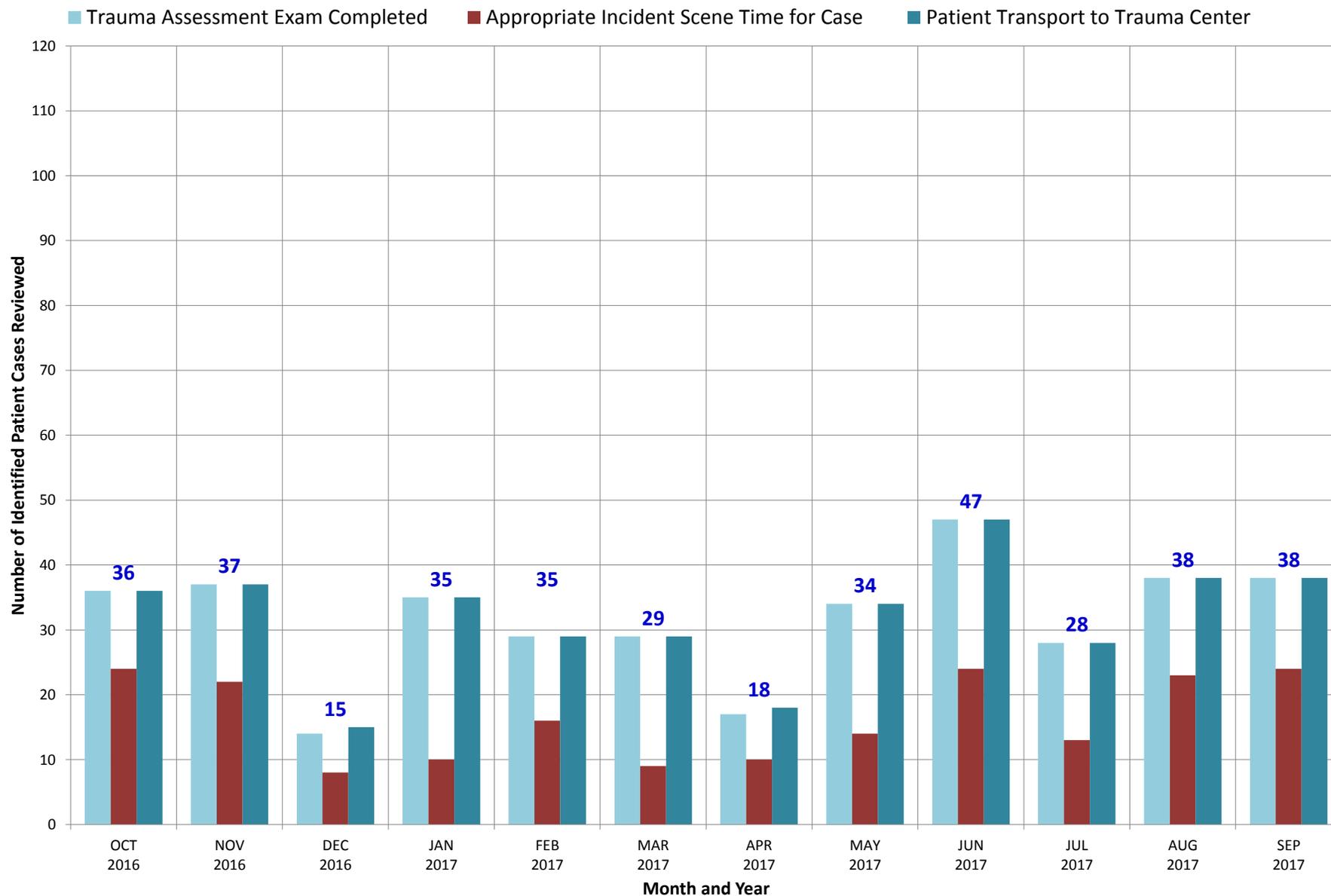
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EMS CQI Case Review: **Stroke** Patients (FY 2017)



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EMS CQI Case Review: **Trauma** Patients (FY 2017)



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EMS CQI Case Review: **Trauma** Patients (FY 2017)

